

WE CLAIM:

1. An artificially produced peptide which neutralizes a biological activity of interleukin-18, comprising a part or the whole of the amino acid sequences of variable regions in anti-interleukin-18 antibody.

2. The peptide of claim 1, wherein the anti-interleukin-18 antibody is a monoclonal antibody.

3. The peptide of claim 1, wherein the anti-interleukin-18 antibody is against human or mouse interleukin-18 as antigen.

4. The peptide of claim 1, which suppresses inflammation induced by the biological activity of interleukin-18.

5. The peptide of claim 1, wherein the variable regions comprise the amino acid sequences of SEQ ID NOs:1 and 2.

6. The peptide of claim 1, which comprises a part or the whole of the amino acid sequences of complementarity determining regions in the variable regions.

7. The peptide of claim 1, which comprises a part or the whole of the amino acid sequences of SEQ ID NOs:3 to 8.

8. The peptide of claim 1, which has an amino acid sequence selected from the group consisting of SEQ ID NOs:9 and 10.

9. The peptide of claim 1, which is in the form of a humanized antibody.

10. A DNA which codes for the peptide of claim 1.

11. The DNA of claim 10, which comprises a part or the whole of a nucleotide sequence selected from the group consisting